

15491 U.S. PTO  
00/979438  
1786/97  
160 OTOS  
Class Subclass  
ISSUE CLASSIFICATION  
SCANNED 6



6196291

UTILITY SERIAL NUMBER	PATENT DATE MAR 06 2001	PATENT NUMBER 6196291
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SERIAL NUMBER 08/979,438	FILING DATE 11/26/97	CLASS 160	SUBCLASS 84.05	GROUP ART UNIT 3523	EXAMINER J. P. ...
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APPLICANTS JOHN W. RUFFEL, VERONA, NJ; REN SUKONG, FORT COCKER, PA.

\*\*CONTINUING DATA\*\*\*\*\*  
VERIFIED: None  
None

PREVIOUS FOR ANY LOCATION\*\*\*\*\*  
VERIFIED: None  
None

FOREIGN PRIORITY CLAIMS: None

Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
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Verified and Acknowledged	Examiner's initials	BUCHANAN INVENTOR C/O GRANT STREET 2001 FLOOR 1000 1000 1000 1000						
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TITLE	U.S. DEPT. OF COMM./PAT. & TM—PTO-436L (Rev. 12-94)
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1-2-01 Formal Drawings (5 sheets) set 1 11-26-97	
PARTS OF APPLICATION FILED SEPARATELY	
NOTICE OF ALLOWANCE MAILED 9-19-00	
ISSUE FEE \$1210 12/20/00	
Amount Due Date Paid	
Label Area	
Assistant Examiner	
Primary Examiner David M. Ford	
PREPARED FOR ISSUE	
CLAIMS ALLOWED Total Claims 34 Print Claim 1	
DRAWING Sheets Drwg. 5 Figs. Drwg. 11 Print Fig. 1	
ISSUE BATCH NUMBER 536	
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Form PTO-436A  
(Rev. 8/92)

SCAN  
OK  
Formal Drawings (5 sheets) set 1  
RM

ISSUE FEE IN FILE



PATENT NUMBER

**APPLICATION SERIAL NUMBER**

08/079438

**APPLICANT'S NAME (PLEASE PRINT)**

Rubel et al  
IF REISSUE/ORIGINAL PATENT NUMBER

IF REISSUE, ORIGINAL PATENT NUMBER

## INTERNATIONAL CLASSIFICATION

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# ORIGINAL CLASSIFICATION

**CLASS**

SUBCLASS

160

50400

CROSS REFERENCE(S)

## CLASS

SUBCLASS  
(ONE SUBCLASS PER BLOCK)GROUP  
ART UNIT

3634

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

DAVID M. PULLEN

PTO 270  
(REV. 5-91)

# ISSUE CLASSIFICATION SLIP

**U.S. DEPARTMENT OF COMMERCE  
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